Model RHS

Model RHC

Applications & Features

- RH series are designed for indoor environment relative humidity (RH%) measurement and control
- High performance digital RH% sensor and digital technology applied, ensure accurate measurement, fast response & good long term stability
- Multiple outputs selection,
- Optional relay for alarm or ON/OFF control
- Wide working temperature range
- LCD & function keys can set parameters and calibrate output, as a stand-alone controller
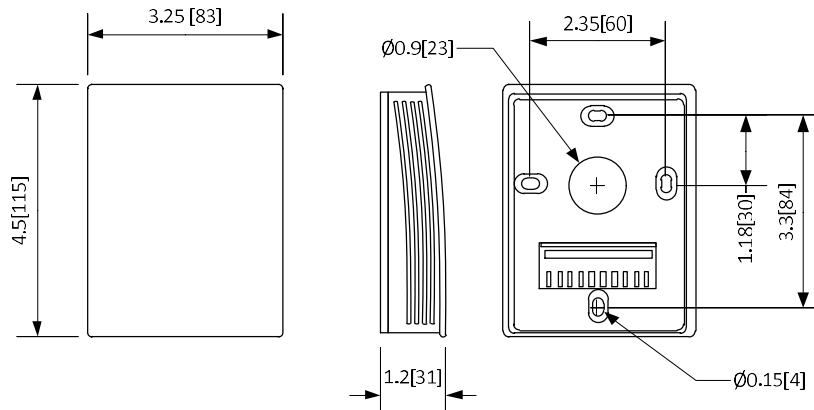
Specifications

- **Sensor**: Digital polymer RH% sensor
- **Range**: 0-100%Rh
- **Output**: 4-20mA (3 wires) or 0-10VDC or optional RS485/Modbus
- **Accuracy**: ≤3%RH (at 25°C, 20 to 80%RH)
- **Hysteresis**: ≤+/-1%RH
- **Response time:** : ≤10s (25°C no air movement)
- **Drift**: ≤+/-0.5%RH
- **Voltage:** 15 to 28Vac or 15 to 36VDC
- **Ambient conditions**: -40 to 85°C, 0 to 95%RH (Non condensing)
- **Storage Temperature**: -40 to 85°C
- **Housing**: ABS
- **Ingress Protection**: IP30

Model RHC
- **Display & Keys**: 4 digits LCD with units and Backlight, 3 touch keys.
- **Analog output**: 0-10VDC
- **Optional relay output**: 2xSPST, 3A/250VAC or 30VDC

Dimensions

3.25 [83]

4.5[115]

Ø0.9[23]

2.35[60]

1.18[30]

3.3[84]

1.2[31]

Ø0.15[4]

All dimensions in inch [mm]